

Docket No. AUS920030478US1

ABSTRACT OF THE DISCLOSURE

METHOD AND APPARATUS FOR SELECTIVELY COUNTING INSTRUCTIONS AND DATA ACCESSES

A method, apparatus, and computer instructions in a data processing system for processing instructions. Instructions are received at a processor in the data processing system. If an indicator is associated with the instruction, the execution of the instruction and all subsequent instructions are counted until another indicator is received. The indicator also is used with data locations to count accesses to data in the data locations. If the indicator is associated with a data location, all subsequent data location accesses are counted until another indicator is received.